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# Carbon Reduction Plan

Supplier name: Alan Conisbee & Associates Limited (hereafter Conisbee)

Publication date: 02.04.2025

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

## About Conisbee

Conisbee a Structural and Civil Engineering Consultancy based in London, Norwich, Cambridge and Colchester. Conisbee's fundamental aim is to radically improve the built environment with elegant and sustainable engineering. How we operate is guided by our values which include a commitment to carbon reduction.

## Commitment to achieving Net Zero

Alan Conisbee and Associates Ltd. is committed to achieving Net Zero emissions by 2025. To achieve this, we will be offsetting residual carbon emissions on an annual basis, starting in 2025. We will be purchasing carbon offset credits via external organisations, ensuring any scheme and associated carbon calculations are in accordance with the Verified Carbon Standard.

We note that offsetting does not lessen the need to reduce our gross emissions and thus will continue to pursue initiatives to reduce operational emissions.

In addition, Conisbee are committed to a reduction in embodied carbon of our designs in line with LETI/RIBA targets which are currently 144 or 156 kgCO2e/m² for the building structure for Stages A1-5 of the building life cycle by 2030.

Conisbee signed up to its first carbon reduction target in 2008 as part of a local initiative run by the Islington Climate Change Partnership and we have subsequently been steadily reducing our operational carbon in line with ICCP (later Islington Sustainability Network - ISN) targets.

In 2019 we signed Engineers Declare with the aim of setting targets and reducing both operational carbon and, far more significantly, the embodied carbon in the building structures we design.

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## Baseline Emissions Footprint

| | |
|---|---|
| **Baseline Year: 2017** | |
| **Additional Details relating to the Baseline Emissions calculations.** | |
| 2017 was the first year that Scope 3 emissions were measured. Conisbee have always implemented low carbon initiatives. | |
| **Baseline year emissions:** | |
| **EMISSIONS** | **TOTAL ($tCO_2e$)** |
| **Scope 1** | **9.53** |
| **Scope 2** | **37.93** |
| **Scope 3** **(Included Sources)** | **71.32** **(Water, Business Travel, Waste, Procurement)** |
| **Total Emissions** | **118.78** |

## Current Emissions Reporting

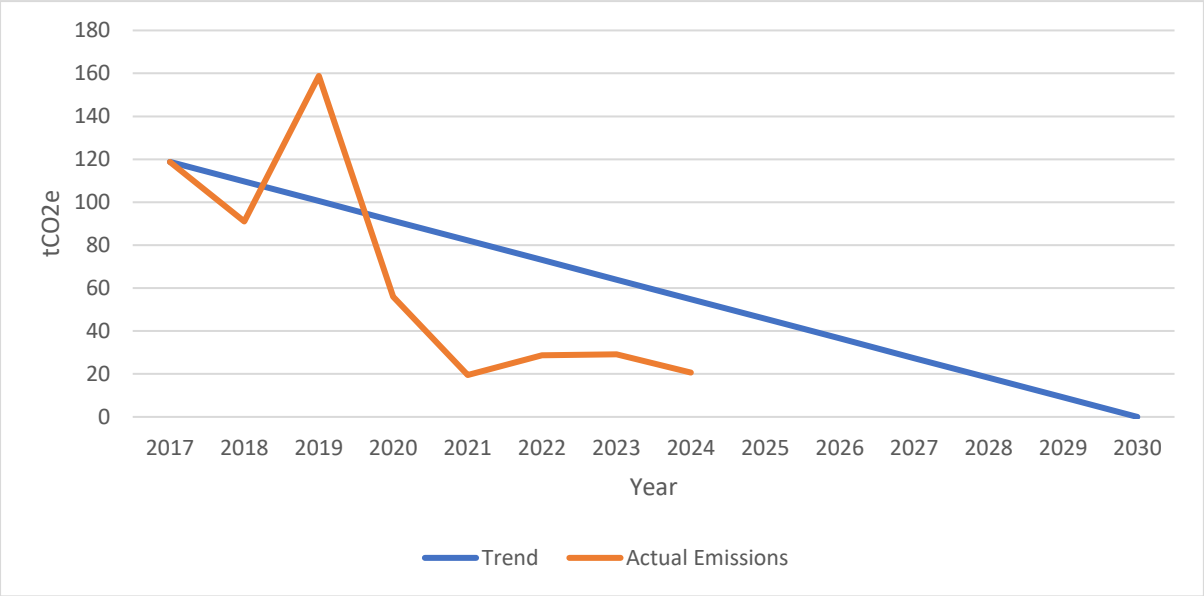
| | |
|---|---|
| **Reporting Year: 2024** | |
| **EMISSIONS** | **TOTAL ($tCO_2e$)** |
| **Scope 1** | **1.85** |
| **Scope 2** | **1.52** |
| **Scope 3** **(Included Sources)** | **17.21** **(Water, Business Travel, Waste, Procurement)** |
| **Total Emissions** | **20.59** |

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## Emissions reduction targets

In accordance with previous revisions of our carbon reduction plan, in 2025, we will achieve Net Zero carbon emissions, by offsetting any residual emissions.

We will continue to pursue initiatives to reduce operational emissions. Our progress in reducing gross operational emissions can be seen in the graph below.




## Carbon Reduction Projects

### Operational Carbon Reduction Initiatives Implemented

The following environmental management measures and projects have been completed or implemented since the 2017 baseline. The carbon emission reduction achieved by these schemes equate to 98.19 $tCO_2e$, an 82.7% reduction against the 2017 baseline and the measures will be in effect when performing the contract.

- Measuring and reporting our consumption on a quarterly basis via bespoke calculation based on the latest publicly available data on carbon rates for various activities covering the organisations full operational scope.
- Reducing consumption via control and replacement of consumables with more efficient items.
- Only purchasing electricity from net zero sources where possible.
- Eliminating gas consumption from our operations.
- Minimising waste and reusing or recycling as much as possible.
- Reducing commuting emissions with flexible and home working.
- Reducing business travel via the use of online meetings and virtual site visits.
- Promoting low carbon travel via cycling incentives and electric car schemes.
- Local procurement of goods and services.
- Only offsetting the remainder via certified additionality schemes.
- Promotion of good practice to staff.

- Supporting an in-house Sustainability Group which sets targets, agrees initiatives, and acts as champions.

### Embodied Carbon Reduction Initiatives Implemented

- Setting annual targets for the embodied carbon in our building structures in line with the reduction targets set by the RIBA.
- Applying our inhouse carbon calculator (developed from the IStructE calculator) to all projects of significant size, recording the results and comparing against annual targets.
- Inhouse training for staff and regular discussion via project reviews, company meetings and communications and CPD talks.
- Promote and explain low carbon design choices to our clients and industry collaborators.
- Developing a suitable Civil Engineering Calculator to use on infrastructure projects.

## Declaration and Sign Off

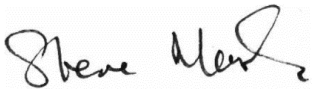
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

**Signed on behalf of the Supplier:**

Signed by: 

Name: Steve Marks Date: 31.03.2025

Director Countersign: 

Name: Allan Dunsmore Date: 02.04.25

[1] https://ghgprotocol.org/corporate-standard
[2] https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3] https://ghgprotocol.org/standards/scope-3-standard